

IN THE SPECIFICATION

Page 3, prior to line 25, add the following paragraph:

Figure 4 is a block diagram showing a memory manager, a main memory, and a pointer table stored in a pointer memory.

Replace the paragraph on page 6 starting at line 16 with the following paragraph:

In one embodiment of the invention, as illustrated in Figure 4, the table that contains the direct access pointers is contained in a second secured pointer memory 430. In this way, it is possible that the main memory 420 is an unsecured such as a memory of a computer and that the pointer table is stored in a security module (smart card or similar element). Each data block comprises an identifier that will be transmitted to the card eventually along with the size of the data. In exchange, the memory manager 410 on the card randomly determines a pointer among the free pointers as described previously and returns this pointer to the host computer. In parallel, the card stores the data identifier along with the pointer value.